

ABSTRACT OF THE DISCLOSURE

A method for identifying the position, quantity, kind, etc. of an object. A Standard Object image is positioned on a picture so as to be around an arbitrary point (Arrangement Point), normal vector group is determined along the outline of the Standard Object image based upon the density difference in the background and the Standard Object, and an angle information and a position information are determined from the Arrangement Point to the normal vector group, so that such information are stored as standard data for the arrangement point. On the other hand, normal vector group is determined on the outline of an object image, which is to be recognized, based upon the density difference in the background and the object image so that, based on the standard data, a plurality of Answer points are determined. Lastly, a focus point region formed by the Answer points is evaluated.